

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SERVANT, GUY *et al.*

Title: IMPROVED ELECTROPHYSIOLOGICAL ASSAYS USING OOCYTES THAT EXPRESS HUMAN ENaC AND THE USE OF PHENAMIL TO IMPROVE THE EFFECT OF ENaC ENHANCERS IN ASSAYS USING MEMBRANE POTENTIAL REPORTING DYES

Appl. No. 10/563,758

Filing Date: January 9, 2006

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

**SUBMISSION OF SEQUENCE LISTING AND DECLARATION IN RESPONSE TO  
NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED  
STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**MAIL STOP: PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), mailed May 7, 2007 (copy enclosed), Applicants submit herewith is a copy of the sequence listing (hard copy and diskette) along with a Statement to Support Filing and Submission in accordance with 37 CFR § 1.821-1.825, Amendment In Response To Notice Under 37 CFR §§1.821-825 and an executed Declaration and Power of Attorney for Patent Application.

There are no fees due. However, in the event that any additional fees are necessary, the Commissioner is hereby authorized to charge our Deposit Account No. 50-0206.

Respectfully submitted,

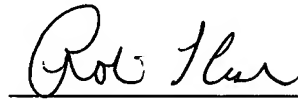
HUNTON & WILLIAMS LLP

**Dated: July 9, 2007**

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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www.uspto.gov

TES

U.S. APPLICATION NUMBER NO. 10/563,758	FIRST NAMED APPLICANT Guy Servant	ATTY. DOCKET NO. 54315US
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21967  
HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
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SUITE 1200  
WASHINGTON, DC 20006-1109

INTERNATIONAL APPLICATION NO. PCT/US04/21853	
I.A. FILING DATE 07/09/2004	PRIORITY DATE 07/10/2003

CONFIRMATION NO. 3144

371 FORMALITIES LETTER



\*OC000000023706158\*

- 6 2007

Date Mailed: 05/07/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/09/2006
- Copy of the International Search Report filed on 01/09/2006
- Biochemical Sequence Listing filed on 01/09/2006
- Request for Immediate Examination filed on 01/09/2006
- U.S. Basic National Fees filed on 01/09/2006
- Assignee Statement for PGPUB filed on 04/26/2006
- Priority Documents filed on 01/09/2006
- Power of Attorney filed on 04/26/2006
- Specification filed on 01/09/2006
- Claims filed on 01/09/2006
- Abstracts filed on 01/09/2006
- Drawings filed on 01/09/2006

67824.431530

DOCKETED	5-8-07
ACTION CODE	MISSING REQ: SETA Using
DUE DATE	7-7-07
BASE DATE	5-2-07
DEADLINE	12-7-07
ATTORNEYS	TES
INITIALS	B K

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is

identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/563,758	PCT/US04/21853	54315US